

CLAIMS

What is claimed is:

- 5 1. A range hood for exhausting gases comprising:

an outer hood body;

10 a motor housing having top, bottom and perimeter surfaces defining an enclosure
and having an air outlet and at least one opening defined in said bottom surface,
said motor housing being mounted within said hood body;

a motor and a fan mounted within said motor housing;

15 a tray having a side wall, a floor and a drainage hole, at least one air inlet
opening being located in said side wall, said tray being in abutment with said
motor housing located below said opening in said bottom surface; and

a bottom panel releasably connectable to said hood body.

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2. The range hood of claim 1 wherein when said bottom panel is connected to said
hood body said tray projects through said bottom panel such that said at least one
air inlet is located below said bottom panel.

- 25 3. The range hood of claim 1 wherein said tray further comprises an annular ring, said
annular ring connecting to said motor housing and having a horizontal portion
positioned below said fan.

4. The range hood of claim 1 further comprising spray dispensing means.

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5. The range hood of claim 1 further comprising a hose and spray nozzle, said hose being seated in said side wall of said tray and said nozzle being positioned so as to direct cleaning fluid under pressure towards said fan and motor housing interior.
- 5 6. The range hood of claim 5 wherein said hose and nozzle are further seated on a support stand projecting from said floor of said tray.
7. The range hood of claim 1 wherein said tray wall has a plurality of said air inlets.
- 10 8. The range hood of claim 1 comprising two of said motors and two of said fans and wherein said motor housing comprises two substantially similar air chambers, each chamber having one of said at least one openings defined in said bottom surface, a motor and fan being housed within each chamber above said openings.
- 15 9. The range hood of claim 8 wherein said tray is adapted to encompass both said openings.
10. The range hood of claim 8 further comprising two of said trays, one tray positioned below a first of said air chambers and a second tray positioned below a second of
20 said air chambers.